

Attorney's Docket No. 4739

PATENT

J1017 U.S. PTO  
09/771812  
01/29/01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

- |   |   |   |
|---|---|---|
| (1) Wolfgang F. Ruettinger<br>4712 Quail Ridge Road<br>Plainsboro, New Jersey 08536 | (2) Olga Korotkikh<br>7 Lavender Drive<br>Princeton, New Jersey 08450 | (3) Robert J. Farrauto<br>7 Lavender Drive<br>Princeton, New Jersey 08450 |
|---|---|---|

For (Title):

IMPROVED NON-PYROPHORIC WATER-GAS SHIFT REACTION CATALYSTS

**1. Type of Application**

This new application is for a(n)

- ☐ Original (nonprovisional)  
☐ Design  
☐ Divisional  
☐ Continuation  
☒ Continuation-in-part (CIP)

**2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)**

- ☒ Amend the specification by inserting before the first line the following sentence:
- ☐ This application claims the benefit of U.S. Provisional (s) numbers.
- ☒ This application is a continuation-in-part of copending application number 09/669,044 filed September 25, 2000. The new application being transmitted claims the benefit of prior U.S. application(s) as set forth at page 1 of the specification.

**Certification under 37 CFR 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date January 29, 2001 in an envelope as "Express Mail Post Office to Addressee", Mailing Label Number EL108347876US, addressed to the: Assistant Commissioner for Patents, Washington, DC 20231.

Phyllis Nova  
(type or print name of person mailing paper)

Signature of person mailing paper

3. Papers enclosed which are required for filing date under 37 CFR 1.53(b) (Regular) or 37 CFR 1.153 (Design) Application.

41 Pages of specification

8 Pages of claims

1 Pages of abstract

9 Sheets of drawing

- ☐ Formal  
☒ Informal

- ☐ The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)". 37 CFR 1.84(b).

4. Additional papers enclosed:

- ☐ Preliminary Amendment  
☐ Information Disclosure Statement (37 CFR 1.98)  
☐ Form PTO-1449  
☐ Citations  
☐ Other

5. Declaration or oath

- ☒ Enclosed

Executed by

*(check all applicable boxes)*

- ☒ inventor(s).

- ☐ legal representative of inventor(s).  
37 CFR 1.42 or 1.43.

- ☐ joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.

- ☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee.

- ☐ Not enclosed.

6. Inventorship Statement

The inventorship for all the claims in this application are:

- ☐ The same.

or

- ☐ Not the Same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,

- ☐ is submitted.  
☐ will be submitted.

## 7. Language

- ☒ English  
☐ Non-English  
☐ The attached translation includes a statement that the translation is accurate. 37 CFR 1.52(d).

## 8. Assignment

- ☒ an assignment of the invention to ENGELHARD CORPORATION  
☐ is attached. A Separate ☐ "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.  
☒ will follow.

NOTE: "If an assignment is submitted with a new application, send two separate letters-one for the application and one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).

WARNING: A newly executed "CERTIFICATE UNDER 37 CFR 3.73(b)" must be filed when a continuation-in- part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

## 9. Certified Copy

Certified Copy(ies) of application(s)

Country	Appln. No.	Filed
Country	Appln. No.	Filed
Country	Appln. No.	Filed

from which priority is claimed

- ☐ is (are) attached.  
☐ will follow.

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 CFR 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

**12. Request for International-Type Search (37 CFR 1.104(d))**

*(complete, if applicable)*

- ☐ Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

**13. Fee Payment Being Made at This Time**

- ☐ Not Enclosed

- ☐ No filing fee is to be paid at this time.  
*(This and the surcharge required by 37 CFR 1.16(e) can be paid subsequently).*

- ☒ Enclosed

- |   |                    |
|---|--------------------|
| <input checked="" type="checkbox"/> Basic filing fee  | \$ <u>1,088.00</u> |
| <input type="checkbox"/> Recording assignment<br>(\$40.00; 37 CFR 1.21(h)) (See attached "COVER SHEET<br>FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION")  | \$ _____           |
| <input type="checkbox"/> Petition fee for filing by other than all the inventors or person on<br>behalf of the inventor where inventor refused to sign or cannot be<br>reached. (\$130.00; 37 CFR 1.47 and 1.17(h)) | \$ _____           |
| <input type="checkbox"/> For processing an application with a specification in a<br>non-English language (\$130.00; 37 CFR 1.52(d) and 1.17(k))   | \$ _____           |
| <input type="checkbox"/> Processing and retention fee<br>(\$130.00; 37 CFR 1.53(d) and 1.21(l))   | \$ _____           |
| <input type="checkbox"/> Fee for international-type search report<br>(\$40.00; 37 CFR 1.21(e))  | \$ _____           |

Total fees enclosed \$ 1,088.00

**14. Method of Payment of Fees**

- ☒ Charge Account No. 05-1070 in the amount of \$ 1,088.00.

Commissioner is hereby authorized to charge any additional fees required by this paper and during the entire pendency of this application to Account No. 05-1070.

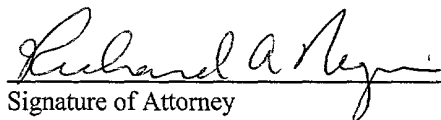
Credit any overpayment to Account No. 05-1070.

Date: January 29, 2001

Reg. No. 28,649

Tel. No. (732) 205-6241

Engelhard Corporation  
101 Wood Avenue  
P.O. Box 770  
Iselin, New Jersey 08830

  
Signature of Attorney

Richard A. Negin  
*(type or print name of attorney)*

☐ **Incorporation by reference of added pages**

*(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)*

- ☐ Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added \_\_\_\_\_

- ☐ Plus Added Pages for Papers Referred to in item 4 above

Number of pages added \_\_\_\_\_

- ☐ Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer Inventor(s) of the subject matter claimed in this application.

Number of pages added \_\_\_\_\_

- ☐ Plus "Assignment Cover Letter Accompanying New Application"

Number of pages added \_\_\_\_\_

☐ **Statement Where No Further Pages Added**

*(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)*

- ☒ This transmittal ends with this page.